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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| Attorney Docket No. | 1293.1162/MDS/JHS |
|---------------------|-------------------|
|                     |                   |

First Named Inventor or Application Identifier:

Jung-kwon HEO

Express Mail Label No.



**Assistant Commissioner for Patents** ADDRESS TO: APPLICATION ELEMENTS **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 1. [X] Fee Transmittal Form 2. [X] Specification, Claims & Abstract ..... [ Total Pages: 30 ] 3. [X] Drawing(s) (35 USC 113) ..... [ Total Sheets: 9 ] 4. [ ] Oath or Declaration ...... [ Total Pages: \_ ] a. [ ] Newly executed (original or copy) b. [ ] Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) i. [ ] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. [ ] Applicant claims small entity status. Incorporation by Reference (usable if Box 4b is checked) 6. [] The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 7. [ ] Microfiche Computer Program (Appendix) 8. [ ] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. [ ] Computer Readable Copy b. [ ] Paper Copy (identical to computer copy) c. [ ] Statement verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. [ ] Assignment Papers (cover sheet & document(s)) 10. [ ] 37 CFR 3.73(b) Statement (when there is an assignee) [ ] Power of Attorney 11. [ ] English Translation Document (if applicable) 12. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations 13. [ ] Preliminary Amendment 14. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. [X ] Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. [ ] Other: 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: [ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No: 18. CORRESPONDENCE ADDRESS

PATENT TRADEMARK OFFICE

Staas & Halsey LLP

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| NEW APPLICATION<br>FEE TRANSMITTAL   |  | Attorney Docket No.            |                              | 129                       | 1293.1162/MDS/JHS  |                   |                              |                     |                       |                   |  |
|                                      |  | Application Number             |                              | NE                        | NEW  |                   |                              |                     |                       |                   |  |
|                                      |  | Filing Date                    |                              | December 28, 2000         |  |                   |                              |                     |                       |                   |  |
| AMOUNT ENCLOSED \$                   |  |                                | First Named Inventor         |                           | Jung-kwon HEO  |                   |                              |                     |                       |                   |  |
|                                      |  |                                | CALCIII.                     | ATION                     | (fees effective 10   | /01/00            | ))                           |                     |                       |                   |  |
| CLAIMS                               | (  | 1) FOR                         | (2) NUMBE                    |                           | (3) NUMBER EXT   |                   | (4) RATI                     | Е                   | (5) CALC              | ULATIONS          |  |
| CLIMIND                              | TOTAL C  |                                | 40                           | - 20 =                    |  |                   | X \$ 18.00 =                 | =                   | \$                    | 360.00            |  |
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|                                      | Surcharge for late filing fee, Statement or Power of Attorney (\$130.00)         |                                |                              |                           |  |                   | +                            |                     |                       |                   |  |
|                                      | Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).           |                                |                              |                           |  | -                 |                              |                     |                       |                   |  |
|                                      | TOTAL FILING FEE =   |                                |                              |                           | $\mathbf{E} =  $   | \$                | 1,630.00                     |                     |                       |                   |  |
|                                      | Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) |                                |                              |                           |  | +                 |                              |                     |                       |                   |  |
|                                      | Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))                           |                                |                              |                           |  | +                 |                              |                     |                       |                   |  |
|                                      |  |                                |                              | TOTAL FEES DUE =          |  |                   |                              | \$                  | 1,630.00              |                   |  |
|                                      | <u></u>  |                                | METH                         | OD OF                     | PAYMENT  |                   |                              |                     |                       |                   |  |
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| [ ] Charge "T                        |  | EES DUE" to the                |                              |                           |  |                   |                              |                     |                       |                   |  |
| [X] No payme                         | ent is enclo   | sed and no char                | rges to the I                | Deposit Ac                | count are authoriz   | zed at            | this time.                   |                     |                       |                   |  |
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| [X] If the abo                       | ve-noted ".<br>nent or cha   | AMOUNT ENG<br>rge any addition | CLOSED" is                   | s not correctes sary to:  | ct, the Commissio  | ner is            | hereby aut                   | horize              | d to credi            | t any             |  |
| D                                    | Deposit Account No. 19-3935  |                                |                              |                           |  |                   |                              |                     |                       |                   |  |
| 1                                    | Deposit Account Name STAAS & HALSEY LLP  |                                |                              |                           |  |                   |                              |                     |                       |                   |  |
| 1.16 (filing application 1.53(b) and | ng fees) or  | 37 CFR 1.17 (p                 | processing fe<br>of pursuant | ees) during<br>to 35 USC  | yments or charge<br>the prosecution of<br>\$ 120 (e.g., cont<br>FR 1.53(d)) to m | of this<br>inuati | application<br>ions/division | ı, ınclu<br>nals/Cl | ding any<br>[Ps under | related<br>37 CFR |  |
| SUBMITTED B                          | Y: STA   | AS & HALS                      | EY LLP                       |                           |  |                   |                              |                     |                       |                   |  |
| Typed Name                           | Michael  | D. Stein                       | 1 /                          |                           |  |                   | Reg. No.                     | 37,24               | 240                   |                   |  |
|                                      | 1/1/01 (dex ) (1) Att  |                                |                              |                           |  | Date              | 12,                          | 128/0               | 0                     |                   |  |

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Signature